

**Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09673992 on June 12, 2002**

**13 525/98 (3 OR, 10 XR)**

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

**A**

**OF THE** CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

**ABOVE OPERATIONS**

525/55 ..At least one solid polymer derived from  
ethylenic reactants only

525/88 ...Mixing of solid block or block-type  
copolymer with other solid polymer; mixing of said polymer  
mixture with a chemical treating agent; mixing of a block  
or block-type copolymer with SICP or with SPFI; or  
processes of forming or reacting; or the resultant product  
of any of the above operations

525/95 ....Mixture contains solid block or block-type  
copolymer derived from ethylenically unsaturated  
hydrocarbon reactants only at least one of which contains  
at least four carbon atoms

525/98 .....Solid block or block-type copolymer  
derived from reactant containing plural unsaturation

**12 525/314 (8 OR, 4 XR)**

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

**A**

**OF THE** CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

**ABOVE OPERATIONS**

525/55 ..At least one solid polymer derived from  
ethylenic reactants only

525/242 ...Polymer derived from ethylenic reactants  
only mixed with ethylenic reactant

525/313 ....Ethylenic reactant contains at least two unsaturated groups and is devoid of an aromatic group

525/314 .....Block copolymer derived from reactant containing at least two unsaturated groups and is free of an aromatic group

8 252/512 (2 OR, 6 XR)  
Class 252 : COMPOSITIONS  
252/500 ELECTRICALLY CONDUCTIVE OR EMISSIVE COMPOSITIONS  
252/512 .Free metal containing

8 252/513 (0 OR, 8 XR)  
Class 252 : COMPOSITIONS  
252/500 ELECTRICALLY CONDUCTIVE OR EMISSIVE COMPOSITIONS  
252/512 .Free metal containing  
252/513 ..Iron group metal (iron, cobalt, nickel)

8 252/514 (0 OR, 8 XR)  
Class 252 : COMPOSITIONS  
252/500 ELECTRICALLY CONDUCTIVE OR EMISSIVE COMPOSITIONS  
252/512 .Free metal containing  
252/514 ..Noble metal (gold, silver, ruthenium, rhodium, palladium, osmium, iridium, platinum)

7 148/24 (1 OR, 6 XR)  
Class 148 : METAL TREATMENT  
148/22 COMPOSITIONS  
148/23 .Fluxing  
148/24 ..Metallic

5 148/25 (0 OR, 5 XR)  
Class 148 : METAL TREATMENT  
148/22 COMPOSITIONS  
148/23 .Fluxing  
148/25 ..Oleaginous

5 428/901 (0 OR, 5 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/901 PRINTED CIRCUIT

4 156/330 (1 OR, 3 XR)  
Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL

MANUFACTURE

156/1           METHODS  
156/60        ..Surface bonding and/or assembly therefor  
156/325       ..Particular adhesive  
156/326       ...Organic containing  
156/327       ....Synthetic resin containing  
156/330       .....Epoxy resin

4 428/413 (0 OR, 4 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/411.1    COMPOSITE (NONSTRUCTURAL LAMINATE)  
428/413       .Of epoxy ether

4 428/448 (0 OR, 4 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/411.1    COMPOSITE (NONSTRUCTURAL LAMINATE)  
428/446       .Of silicon containing (not as silicon alloy)  
  
428/448       ..As intermediate layer

4 524/270 (3 OR, 1 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1       ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composition  
thereof  
524/80       ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon  
524/81       ....Organic DNRM  
524/270       .....Rosin or tall oil or modified forms  
thereof as DNRM, e.g., colophony, abietic acid, ester gum,  
etc.

4 524/440 (1 OR, 3 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES  
524/1       ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composition  
thereof  
524/80       ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon

524/439 ....Elemental metal DNRM  
524/440 .....Transition metal atom DNRM

4 524/441 (0 OR, 4 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or  
preformed specified intermediate condensation product,  
composition thereof; or process of treating or composition  
thereof

524/80 ...DNRM which is other than silicon dioxide,  
glass, titanium dioxide, water, halohydrocarbon,  
hydrocarbon, or elemental carbon

524/439 ....Elemental metal DNRM

524/441 .....Aluminum DNRM

4 525/478 (1 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF; MIXING OF SICP  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY  
OF THE

ABOVE OPERATIONS

525/474 ..Solid polymer derived from silicon-containing  
reactant

525/477 ...Mixed with silicon-containing reactant or  
polymer therefrom

525/478 ....Wherein one of said silicon materials  
contains Si-H bond

3 148/23 (3 OR, 0 XR)

Class 148 : METAL TREATMENT

148/22 COMPOSITIONS

148/23 .Fluxing

3 156/277 (0 OR, 3 XR)

Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL  
MANUFACTURE

156/1 METHODS

156/60 .Surface bonding and/or assembly therefor

156/277 ..With printing

3 427/96 (2 OR, 1 XR)

Class 427 : COATING PROCESSES

427/58 ELECTRICAL PRODUCT PRODUCED

427/96 .Integrated circuit, printed circuit, or  
circuit board

3 428/352 (1 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED  
ELEMENT OR COMPONENT

428/343 .Adhesive outermost layer

428/352 ..With release or antistick coating

3 428/355AC (3 OR, 0 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED  
ELEMENT OR COMPONENT

428/343 .Adhesive outermost layer

428/355R ..Adhesive compositions

428/355EN ...Including addition polymer from unsaturated  
monomer

428/355AC ....Including addition polymer from alpha-beta  
unsaturated carboxylic acid (e.g., acrylic acid,  
methacrylic acid, etc.) or derivative thereof

3 428/355R (0 OR, 3 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED  
ELEMENT OR COMPONENT

428/343 .Adhesive outermost layer

428/355R ..Adhesive compositions

3 428/414 (2 OR, 1 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/413 .Of epoxy ether

428/414 ..As intermediate layer

3 428/416 (1 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/413 .Of epoxy ether

428/414 ..As intermediate layer

428/416 ...Next to metal

3 428/418 (1 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/413 .Of epoxy ether

428/418 ..Next to metal

3 428/423.7 (0 OR, 3 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/423.1 .Of polyamidoester (polyurethane,  
polyisocyanate, polycarbamate, etc.)

428/423.7 ..Next to polyester (polyethylene  
terephthalate, etc.)

3 428/447 (1 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/446 .Of silicon containing (not as silicon alloy)

428/447 ..As siloxane, silicone or silane

3 428/451 (0 OR, 3 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/446 .Of silicon containing (not as silicon alloy)

428/451 ..Next to addition polymer from unsaturated  
monomers, or aldehyde or ketone condensation product

3 428/480 (0 OR, 3 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/480 .Of polyester (e.g., alkyd, etc.)

3 430/270.1 (2 OR, 1 XR)

Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS,  
COMPOSITION, OR PRODUCT THEREOF

430/269 IMAGING AFFECTING PHYSICAL PROPERTY OF  
RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR

OR

PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT

430/270.1 .Radiation sensitive composition or product or  
process of making

3 430/281.1 (1 OR, 2 XR)

Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS,  
COMPOSITION, OR PRODUCT THEREOF

430/269 IMAGING AFFECTING PHYSICAL PROPERTY OF  
RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR

OR

PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT

430/270.1 .Radiation sensitive composition or product or  
process of making

430/281.1 ..Radiation sensitive composition comprising  
ethylenically unsaturated compound

3 522/110 (0 OR, 3 XR)

Class 522 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

522/1 .COMPOSITIONS TO BE POLYMERIZED BY WAVE ENERGY  
WHEREIN SAID COMPOSITION CONTAINS A RATE-AFFECTING  
MATERIAL; OR COMPOSITIONS TO BE MODIFIED BY WAVE

ENERGY

WHEREIN SAID COMPOSITION CONTAINS A RATE-AFFECTING  
MATERIAL; OR PROCESSES OF PREPARING OR TREATING A SOLID  
POLYMER UTILIZING WAVE ENERGY

522/109 ..Processes of chemically modifying a blend of  
two or more solid polymers in the presence of a chemical  
reactant; or compositions therefore

522/110 ...At least one solid polymer derived from  
ethylenic monomers has at least two ethylenic groups

3 522/158 (0 OR, 3 XR)

Class 522 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

522/1 .COMPOSITIONS TO BE POLYMERIZED BY WAVE ENERGY  
WHEREIN SAID COMPOSITION CONTAINS A RATE-AFFECTING  
MATERIAL; OR COMPOSITIONS TO BE MODIFIED BY WAVE

ENERGY

WHEREIN SAID COMPOSITION CONTAINS A RATE-AFFECTING  
MATERIAL; OR PROCESSES OF PREPARING OR TREATING A SOLID  
POLYMER UTILIZING WAVE ENERGY

522/150 ..Processes of treating a solid polymer derived  
from ethylenic monomers only; or compositions therefore

522/157 ...Solid polymer derived from monomer  
containing only carbon and hydrogen

522/158 ....At least one reactant contains two or more  
ethylenic groups

3 523/176 (2 OR, 1 XR)

Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

523/1 .PROCESSES OF PREPARING A DESIRED OR INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT THEREOF

523/176 ..Anaerobic adhesive or thread sealing composition or process of preparing

3 524/439 (0 OR, 3 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition thereof

524/80 ...DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon

524/439 ....Elemental metal DNRM

3 524/505 (0 OR, 3 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition thereof

524/500 ...Containing two or more solid polymers; solid polymer or SICP and a SICP, SPFI, or an ethylenic reactant or product thereof

524/502 ....At least one solid polymer derived from ethylenic reactants only

524/505 .....Solid block or solid block-type copolymer with other solid polymer, SICP or SPFI

3 524/534 (1 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition thereof

524/500 ...Containing two or more solid polymers; solid

polymer or SICP and a SICP, SPFI, or an ethylenic reactant or product thereof

524/502 ....At least one solid polymer derived from ethylenic reactants only

524/529 .....Solid polymer derived from ethylenic monomers only admixed with ethylenic monomer

524/534 .....Ethylenic monomer contains at least two ethylenic groups

3 524/832 (0 OR, 3 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/800 ..Preparation of intentional or desired composition by formation of solid polymer or SICP in the presence of water as a designated nonreactant material (DNRM), or products thereof

524/804 ...Solid polymer derived from ethylenic monomers only

524/832 ....Monomer is carboxylic acid or derivative

3 525/250 (0 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP

A

OF

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/242 ...Polymer derived from ethylenic reactants only mixed with ethylenic reactant

525/244 ....Contacting a solid polymer derived from ethylenic reactants only with an ethylenic reactant in the presence of a specified material

525/248 .....Specified material contains a carbon or hydrogen atom bonded directly to a metal atom

525/250 .....Metal atom is Group IA metal atom (Li, Na, K, Rb, Cs, Fr)

3 525/271 (0 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY  
OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from  
ethylenic reactants only

525/242 ...Polymer derived from ethylenic reactants  
only mixed with ethylenic reactant

525/267 ....Including step of preparing a polymer in  
the presence of a specified material and in the absence of  
a preformed polymer derived from ethylenic reactant only

525/271 .....Specified material contains a Group IA  
atom in elemental form or bonded to hydrogen or carbon

3 525/530 (0 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY  
OF THE

ABOVE OPERATIONS

525/523 ..Solid polymer contains more than one  
1,2-epoxy group or is derived from reactant containing at  
least one 1,2-epoxy group

525/529 ...Mixed with unsaturated reactant or polymer  
derived therefrom

525/530 ....Wherein unsaturated reactant is a  
carboxylic acid or derivative or polymer derived therefrom

3 525/531 (0 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING

A

OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

OF THE

ABOVE OPERATIONS

525/523

..Solid polymer contains more than one  
1,2-epoxy group or is derived from reactant containing at  
least one 1,2-epoxy group

525/529

...Mixed with unsaturated reactant or polymer  
derived therefrom

525/530

....Wherein unsaturated reactant is a  
carboxylic acid or derivative or polymer derived therefrom

525/531

.....Wherein unsaturated reactant contains only  
one free carboxyl group

3 525/93 (0 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50

.MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE

ABOVE OPERATIONS

525/55

..At least one solid polymer derived from  
ethylenic reactants only

525/88

...Mixing of solid block or block-type  
copolymer with other solid polymer; mixing of said polymer  
mixture with a chemical treating agent; mixing of a block  
or block-type copolymer with SICP or with SPFI; or  
processes of forming or reacting; or the resultant product  
of any of the above operations

525/93

....Mixture contains solid polymer derived from  
reactant containing chalcogen

3 525/99 (0 OR, 3 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50

.MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP

A

OF

OF THE

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES

FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/88 ...Mixing of solid block or block-type copolymer with other solid polymer; mixing of said polymer mixture with a chemical treating agent; mixing of a block or block-type copolymer with SICP or with SPFI; or processes of forming or reacting; or the resultant product of any of the above operations

525/95 ....Mixture contains solid block or block-type copolymer derived from ethylenically unsaturated hydrocarbon reactants only at least one of which contains at least four carbon atoms

525/98 .....Solid block or block-type copolymer derived from reactant containing plural unsaturation

525/99 .....With solid polymer derived from reactant containing plural unsaturation

2 156/307.3 (1 OR, 1 XR)

Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL MANUFACTURE

156/1 METHODS

156/60 .Surface bonding and/or assembly therefor

156/307.1 ..By curing of nonfully polymerized self-sustaining lamina

156/307.3 ...With coating or impregnating a face to be adhered

2 156/307.5 (1 OR, 1 XR)

Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL MANUFACTURE

156/1 METHODS

156/60 .Surface bonding and/or assembly therefor

156/307.1 ..By curing of nonfully polymerized self-sustaining lamina

156/307.3 ...With coating or impregnating a face to be adhered

156/307.5 ....Coating solidified; e.g., by drying, etc.,

before assembly

2 156/310 (0 OR, 2 XR)

Class 156 : ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL  
MANUFACTURE

156/1 METHODS

156/60 .Surface bonding and/or assembly therefor

156/310 ..Of laminae having a different coating on at  
least two mating surfaces

2 174/256 (1 OR, 1 XR)

Class 174 : ELECTRICITY: CONDUCTORS AND INSULATORS

174/68.1 CONDUITS, CABLES OR CONDUCTORS

174/250 ..Preformed panel circuit arrangement (e.g.,  
printed circuit)

174/256 ..With particular material

2 174/257 (0 OR, 2 XR)

Class 174 : ELECTRICITY: CONDUCTORS AND INSULATORS

174/68.1 CONDUITS, CABLES OR CONDUCTORS

174/250 ..Preformed panel circuit arrangement (e.g.,  
printed circuit)

174/256 ..With particular material

174/257 ...Conducting (e.g., ink)

2 252/511 (2 OR, 0 XR)

Class 252 : COMPOSITIONS

252/500 ELECTRICALLY CONDUCTIVE OR EMISSIVE  
COMPOSITIONS

252/502 ..Elemental carbon containing

252/510 ..With organic component

252/511 ...Resin, rubber, or derivative thereof  
containing

2 427/399 (0 OR, 2 XR)

Class 427 : COATING PROCESSES

427/399 BASE SUPPLIED CONSTITUENT

2 428/209 (1 OR, 1 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,  
OVERALL DIMENSION, ETC.)

428/195 ..Discontinuous or differential coating,  
impregnation or bond (e.g., artwork, printing, retouched  
photograph, etc.)

428/209 ..Including metal layer

2 428/214 (0 OR, 2 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,  
OVERALL DIMENSION, ETC.)  
428/212 .Including components having same physical  
characteristic in differing degree  
428/213 ..Thickness (relative or absolute)  
428/214 ...Of adhesive layers

2 428/215 (1 OR, 1 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/98 STRUCTURALLY DEFINED WEB OR SHEET (E.G.,  
OVERALL DIMENSION, ETC.)  
428/212 .Including components having same physical  
characteristic in differing degree  
428/213 ..Thickness (relative or absolute)  
428/215 ...Absolute thicknesses specified

2 428/323 (0 OR, 2 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED  
ELEMENT OR COMPONENT  
428/323 .Including a second component containing  
structurally defined particles

2 428/332 (1 OR, 1 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED  
ELEMENT OR COMPONENT  
428/332 .Physical dimension specified

2 428/336 (0 OR, 2 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES  
428/221 WEB OR SHEET CONTAINING STRUCTURALLY DEFINED  
ELEMENT OR COMPONENT  
428/332 .Physical dimension specified  
428/334 ..Coating layer not in excess of 5 mils thick  
or equivalent  
428/335 ...Up to 3 mils  
428/336 ....1 mil or less

2 428/355EP (0 OR, 2 XR)  
Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/221        WEB OR SHEET CONTAINING STRUCTURALLY DEFINED ELEMENT OR COMPONENT

428/343        .Adhesive outermost layer

428/355R        ..Adhesive compositions

428/355EP        ...Including epoxy group or epoxy polymer

2 428/41.5    (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/40.1        LAYER OR COMPONENT REMOVABLE TO EXPOSE ADHESIVE

428/41.5        .Polymer derived from material having at least one acrylic or alkacrylic group or the nitrile or amide derivative thereof (e.g., acrylamide, acrylate ester, etc.)

2 428/411.1    (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1        COMPOSITE (NONSTRUCTURAL LAMINATE)

2 428/450    (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1        COMPOSITE (NONSTRUCTURAL LAMINATE)

428/446        .Of silicon containing (not as silicon alloy)

428/450        ..Next to metal

2 428/458    (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1        COMPOSITE (NONSTRUCTURAL LAMINATE)

428/457        .Of metal

428/458        ..Next to polyester, polyamide or polyimide (e.g., alkyd, glue, or nylon, etc.)

2 428/483    (1 OR, 1 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1        COMPOSITE (NONSTRUCTURAL LAMINATE)

428/480        .Of polyester (e.g., alkyd, etc.)

428/483        ..Next to addition polymer from unsaturated monomers

2 428/500    (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1        COMPOSITE (NONSTRUCTURAL LAMINATE)

428/500        .Of addition polymer from unsaturated monomers

2 428/521 (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/500 .Of addition polymer from unsaturated monomers

428/521 ..Polyene monomer-containing

2 428/523 (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/411.1 COMPOSITE (NONSTRUCTURAL LAMINATE)

428/500 .Of addition polymer from unsaturated monomers

428/523 ..Polymer of monoethylenically unsaturated hydrocarbon

2 428/910 (0 OR, 2 XR)

Class 428 : STOCK MATERIAL OR MISCELLANEOUS ARTICLES

428/910 PRODUCT WITH MOLECULAR ORIENTATION

2 430/280.1 (1 OR, 1 XR)

Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR PRODUCT THEREOF

430/269 IMAGING AFFECTING PHYSICAL PROPERTY OF RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR

OR

PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT

430/270.1 .Radiation sensitive composition or product or process of making

430/280.1 ..Radiation sensitive composition comprising oxirane ring containing component

2 430/283.1 (0 OR, 2 XR)

Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR PRODUCT THEREOF

430/269 IMAGING AFFECTING PHYSICAL PROPERTY OF RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR

OR

PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT

430/270.1 .Radiation sensitive composition or product or process of making

430/281.1 ..Radiation sensitive composition comprising ethylenically unsaturated compound

430/283.1 ...Amide

2 430/286.1 (1 OR, 1 XR)

Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS,  
COMPOSITION, OR PRODUCT THEREOF

430/269 IMAGING AFFECTING PHYSICAL PROPERTY OF  
RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR

OR

PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT

430/270.1 .Radiation sensitive composition or product or  
process of making

430/281.1 ..Radiation sensitive composition comprising  
ethylenically unsaturated compound

430/286.1 ...Resin or prepolymer containing ethylenical  
unsaturation

2 430/287.1 (0 OR, 2 XR)

Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS,  
COMPOSITION, OR PRODUCT THEREOF

430/269 IMAGING AFFECTING PHYSICAL PROPERTY OF  
RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR

OR

PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT

430/270.1 .Radiation sensitive composition or product or  
process of making

430/281.1 ..Radiation sensitive composition comprising  
ethylenically unsaturated compound

430/286.1 ...Resin or prepolymer containing ethylenical  
unsaturation

430/287.1 ....Ethylenic unsaturation within the side  
chain component

2 430/950 (0 OR, 2 XR)

Class 430 : RADIATION IMAGERY CHEMISTRY: PROCESS,  
COMPOSITION, OR PRODUCT THEREOF

430/950 MATTING OR OTHER SURFACE REFLECTIVITY ALTERING  
MATERIAL

2 521/149 (0 OR, 2 XR)

Class 521 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

521/50 .CELLULAR PRODUCTS OR PROCESSES OF PREPARING A  
CELLULAR PRODUCT, E.G., FOAMS, PORES, CHANNELS, ETC.

521/142 ..Cellular product derived from ethylenically  
unsaturated reactants only

521/149 ...From oxygen containing reactant

2 522/111 (0 OR, 2 XR)

Class 522 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

522/1 .COMPOSITIONS TO BE POLYMERIZED BY WAVE ENERGY WHEREIN SAID COMPOSITION CONTAINS A RATE-AFFECTING MATERIAL; OR COMPOSITIONS TO BE MODIFIED BY WAVE ENERGY

WHEREIN SAID COMPOSITION CONTAINS A RATE-AFFECTING MATERIAL; OR PROCESSES OF PREPARING OR TREATING A SOLID POLYMER UTILIZING WAVE ENERGY

522/111 ..Processes of treating a blend of two or more solid polymers or reacting one solid polymer with another solid polymer; or compositions therefore

2 522/112 (0 OR, 2 XR)

Class 522 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

522/1 .COMPOSITIONS TO BE POLYMERIZED BY WAVE ENERGY WHEREIN SAID COMPOSITION CONTAINS A RATE-AFFECTING MATERIAL; OR COMPOSITIONS TO BE MODIFIED BY WAVE ENERGY

WHEREIN SAID COMPOSITION CONTAINS A RATE-AFFECTING MATERIAL; OR PROCESSES OF PREPARING OR TREATING A SOLID POLYMER UTILIZING WAVE ENERGY

522/111 ..Processes of treating a blend of two or more solid polymers or reacting one solid polymer with another solid polymer; or compositions therefore

522/112 ...At least two solid polymers derived from ethylenic monomers only

2 523/177 (0 OR, 2 XR)

Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

523/1 .PROCESSES OF PREPARING A DESIRED OR INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT THEREOF

523/177 ..Coating or adhesive composition for application to a wet or contaminated surface (e.g., underwater or oil-contaminated, etc.) or process of preparing

2 523/457 (0 OR, 2 XR)

Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

523/1

.PROCESSES OF PREPARING A DESIRED OR  
INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT  
MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED  
INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT

THEREOF

523/400

..Process of forming a composition containing a  
nonreactive material (NRM) and a polymer containing more  
than one 1,2-epoxy group, or a preformed polymer derived  
from or admixed with a reactant containing more than one  
1,2-epoxy group, or with a polymer derived from an  
epihalohydrin and a polyhydric phenol or polyol; or  
composition or product thereof

523/457

...Elemental metal or metal compound other than  
as silicate DNRM

2 523/458 (0 OR, 2 XR)

Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

523/1

.PROCESSES OF PREPARING A DESIRED OR  
INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT  
MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED  
INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT

THEREOF

523/400

..Process of forming a composition containing a  
nonreactive material (NRM) and a polymer containing more  
than one 1,2-epoxy group, or a preformed polymer derived  
from or admixed with a reactant containing more than one  
1,2-epoxy group, or with a polymer derived from an  
epihalohydrin and a polyhydric phenol or polyol; or  
composition or product thereof

523/457

...Elemental metal or metal compound other than  
as silicate DNRM

523/458

....Transition metal

2 523/459 (0 OR, 2 XR)

Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

523/1

.PROCESSES OF PREPARING A DESIRED OR  
INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT  
MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED  
INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT

THEREOF

523/400

..Process of forming a composition containing a  
nonreactive material (NRM) and a polymer containing more  
than one 1,2-epoxy group, or a preformed polymer derived

from or admixed with a reactant containing more than one 1,2-epoxy group, or with a polymer derived from an epihalohydrin and a polyhydric phenol or polyol; or composition or product thereof

523/457        ...Elemental metal or metal compound other than as silicate DNRM

523/459        ....Heavy metal

2 523/468 (0 OR, 2 XR)

Class 523 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

523/1        .PROCESSES OF PREPARING A DESIRED OR INTENTIONAL COMPOSITION OF AT LEAST ONE NONREACTANT MATERIAL AND AT LEAST ONE SOLID POLYMER OR SPECIFIED INTERMEDIATE CONDENSATION PRODUCT, OR PRODUCT THEREOF

523/400        ..Process of forming a composition containing a nonreactive material (NRM) and a polymer containing more than one 1,2-epoxy group, or a preformed polymer derived from or admixed with a reactant containing more than one 1,2-epoxy group, or with a polymer derived from an epihalohydrin and a polyhydric phenol or polyol; or composition or product thereof

523/468        ...Elemental carbon DNRM

2 524/274 (1 OR, 1 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1        ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition thereof

524/80        ...DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon

524/81        ....Organic DNRM

524/270        .....Rosin or tall oil or modified forms thereof as DNRM, e.g., colophony, abietic acid, ester gum, etc.

524/274        .....Solid polymer derived from ethylenically unsaturated hydrocarbon only

2 524/404 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition thereof

524/80 ...DNRM which is other than silicon dioxide, glass, titanium dioxide, water, halohydrocarbon, hydrocarbon, or elemental carbon

524/401 ....Inorganic compound devoid of a silicon atom

DNRM

524/404 .....Boron atom DNRM

2 524/483 (1 OR, 1 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition thereof

524/474 ...Mixing two or more hydrocarbons; or a hydrocarbon other than benzene, toluene, or xylene per se and having numerical limitations other than amount, e.g., included herein are m.p., b.p., viscosity, structure, m.w., etc. or composition or product thereof, DNRM

524/481 ....Unsaturated hydrocarbon

524/483 .....Unsaturated hydrocarbon contains plural unsaturation

2 524/502 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product, composition thereof; or process of treating or composition thereof

524/500 ...Containing two or more solid polymers; solid polymer or SICP and a SICP, SPFI, or an ethylenic reactant or product thereof

524/502 ....At least one solid polymer derived from ethylenic reactants only

2 524/514 (0 OR, 2 XR)

Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

524/1 ..Adding a NRM to a preformed solid polymer or preformed specified intermediate condensation product,

- composition thereof; or process of treating or composition thereof
- 524/500        ...Containing two or more solid polymers; solid polymer or SICP and a SICP, SPFI, or an ethylenic reactant or product thereof
- 524/502        ....At least one solid polymer derived from ethylenic reactants only
- 524/514        .....With polycarboxylic acid or derivative and a polyamine, or with nitrogen containing carboxylic acid or derivative reactant at least one of which is saturated or with solid polymer thereof
- 2 524/745      (0 OR, 2 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES
  - 524/700        ..Preparation of intentional or desired composition by formation of a solid polymer (SP) or SICP in presence of a designated nonreactant material (DNRM) other than solely water, hydrocarbon, silicon dioxide, glass, titanium dioxide or elemental carbon, composition thereof; or process of treating or composition thereof
  - 524/742        ...Elemental or organic sulfur compound as DNRM
  - 524/745        ....Sulfate, sulfonate ester, sulfonic acid, or salt thereof
- 2 524/833      (0 OR, 2 XR)  
Class 524 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES
  - 524/800        ..Preparation of intentional or desired composition by formation of solid polymer or SICP in the presence of water as a designated nonreactant material (DNRM), or products thereof
  - 524/804        ...Solid polymer derived from ethylenic monomers only
  - 524/832        ....Monomer is carboxylic acid or derivative
  - 524/833        ....Two or more carboxylic acids or derivatives
- 2 525/101      (1 OR, 1 XR)  
Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES
  - 525/50        .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/100 ...With saturated Si-C or Si-H reactant or polymer thereof; or with solid copolymer derived from at least one Si-C or Si-H reactant wherein at least one of the reactants forming the solid copolymer is saturated; or with SPFI wherein at least one of the necessary ingredients contains a Si-C or Si-H bond or with a reaction product thereof; or with a SICP containing a Si-H or Si-C bond

525/101 ....Contacting with nonsilicon-containing SICP, nonsilicon-containing SPFI, or polymer thereof; or with two or more solid polymers

2 525/111 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/107 ...With saturated 1,2-epoxy reactant containing more than one 1,2-epoxy group per mole or polymer derived therefrom; or with solid copolymer derived from at least one saturated reactant and at least one unsaturated 1,2-epoxy reactant wherein the epoxy reactant contains more than one 1,2-epoxy group per mole

525/111 ....With reactant which is free of an 1,2-epoxy group and which contains a -N=C=X group or polymer thereof (X is chalcogen); or with a polyol and a polycarboxylic acid or reaction product thereof which is free of an 1,2 epoxy group

2 525/113 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART

OF THE CLASS 520 SERIES

525/50

.MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF; MIXING OF SICP  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE

ABOVE OPERATIONS

525/55

..At least one solid polymer derived from  
ethylenic reactants only

525/107

...With saturated 1,2-epoxy reactant containing  
more than one 1,2-epoxy group per mole or polymer derived  
therefrom; or with solid copolymer derived from at least  
one saturated reactant and at least one unsaturated  
1,2-epoxy reactant wherein the epoxy reactant contains more  
than one 1,2-epoxy group per mole

525/113

....With nitrogen-containing reactant, or  
wherein the poly 1,2-epoxy reactant contains a nitrogen  
atom

2 525/121 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50

.MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF; MIXING OF SICP  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE

ABOVE OPERATIONS

525/55

..At least one solid polymer derived from  
ethylenic reactants only

525/107

...With saturated 1,2-epoxy reactant containing  
more than one 1,2-epoxy group per mole or polymer derived  
therefrom; or with solid copolymer derived from at least  
one saturated reactant and at least one unsaturated  
1,2-epoxy reactant wherein the epoxy reactant contains more  
than one 1,2-epoxy group per mole

525/121

....Polymer derived from ethylenic reactants  
only derived from reactant containing a halogen atom

2 525/194 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART

OF THE CLASS 520 SERIES

525/50

.MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE

ABOVE OPERATIONS

525/55

..At least one solid polymer derived from ethylenic reactants only

525/191

...Polymer mixture of two or more solid polymers derived from ethylenically unsaturated reactants only; or mixtures of said polymer mixture with a chemical treating agent; or products or processes of preparing any of the above mixtures

525/192

....Treating polymer or polymer mixture with a chemical treating agent other than solid polymer

525/194

.....Agent is an organic material

2 525/293 (1 OR, 1 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50

.MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE

ABOVE OPERATIONS

525/55

..At least one solid polymer derived from ethylenic reactants only

525/242

...Polymer derived from ethylenic reactants only mixed with ethylenic reactant

525/293

....Ethylenic material contains a nitrogen atom and is other than (meth)acrylonitrile

2 525/303 (1 OR, 1 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50

.MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF

SICP

WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF  
OF THE  
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/242 ...Polymer derived from ethylenic reactants only mixed with ethylenic reactant

525/298 ....Ethylenic reactant contains an oxygen atom

525/302 .....Oxygen atom is part of a carboxylic acid ester group

525/303 .....Ester contains an oxygen atom other than as a carboxylic acid ester group

2 525/383 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF; MIXING OF SICP  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE  
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/383 ...Chemical treating agent contains elemental oxygen or oxygen-containing compound

2 525/479 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING  
OF SOLID POLYMER OR SICP WITH SICP OR SPF; MIXING OF SICP  
WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE  
CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF  
FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/474 ..Solid polymer derived from silicon-containing

reactant

525/479 ...Mixed with ethylenically unsaturated reactant or polymer derived therefrom

2 525/56 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/56 ...Polyvinyl alcohol

2 525/58 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/56 ...Polyvinyl alcohol

525/58 ....With SICP, SPFI, or polymer thereof

2 525/75 (1 OR, 1 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPFI; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE

CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/70 ...Mixing of solid graft or graft-type copolymer derived from ethylenic reactants only with other solid polymer derived from ethylenic reactants only; or treating said mixture with chemical treating agent; or processes of forming or reacting; or the resultant product of any of the above operations

525/75 ....Mixture contains solid polymer derived from reactant containing a fused- or bridged-ring system or from cycloaliphatic reactant

2 525/78 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/70 ...Mixing of solid graft or graft-type copolymer derived from ethylenic reactants only with other solid polymer derived from ethylenic reactants only; or treating said mixture with chemical treating agent; or processes of forming or reacting; or the resultant product of any of the above operations

525/78 ....Mixture contains solid polymer derived from reactant containing carboxylic acid group

2 525/95 (0 OR, 2 XR)

Class 525 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

525/50 .MIXING OF TWO OR MORE SOLID POLYMERS; MIXING OF SOLID POLYMER OR SICP WITH SICP OR SPF; MIXING OF SICP WITH AN ETHYLENIC AGENT; MIXING OF SOLID POLYMER WITH

A

OF THE CHEMICAL TREATING OR ETHYLENIC AGENT; OR PROCESSES OF FORMING OR REACTING; OR THE RESULTANT PRODUCT OF ANY

OF THE

ABOVE OPERATIONS

525/55 ..At least one solid polymer derived from ethylenic reactants only

525/88 ...Mixing of solid block or block-type copolymer with other solid polymer; mixing of said polymer mixture with a chemical treating agent; mixing of a block or block-type copolymer with SICP or with SPFI; or processes of forming or reacting; or the resultant product of any of the above operations

525/95 ....Mixture contains solid block or block-type copolymer derived from ethylenically unsaturated hydrocarbon reactants only at least one of which contains at least four carbon atoms

2 526/222 (0 OR, 2 XR)

Class 526 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

526/72 .POLYMERS FROM ONLY ETHYLENIC MONOMERS OR PROCESSES OF POLYMERIZING, POLYMERIZABLE COMPOSITIONS CONTAINING ONLY ETHYLENIC MONOMERS AS REACTANTS OR PROCESSES OF PREPARING

526/89 ..Polymerizing in the presence of a specified material other than monomer

526/222 ...Material contains organic sulfur compound

2 528/112 (0 OR, 2 XR)

Class 528 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

528/86 .FROM PHENOL, PHENOL ETHER, OR INORGANIC PHENOLATE

528/87 ..From 1,2-epoxy-containing phenolic reactant or with 1,2-epoxy-containing reactant

528/106 ...With at least one nonepoxy or nonphenolic reactant

528/112 ....Non-1,2-epoxy or nonphenolic reactant is a carboxylic acid, salt thereof, or carboxylic acid anhydride

2 528/15 (0 OR, 2 XR)

Class 528 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES

528/10 .FROM SILICON REACTANT HAVING AT LEAST ONE SILICON-TO-HYDROGEN OR -CARBON BOND

528/12 ..Polymerizing in the presence of a specified material other than a reactant

528/14        ...Material is a metal-containing material  
528/15        ....Material contains a Group VIII metal atom

2 528/272 (0 OR, 2 XR)

Class 528 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

528/271        .FROM CARBOXYLIC ACID OR DERIVATIVE THEREOF

528/272        ..From di- or higher ester of a polycarboxylic  
acid as sole reactant, or from a polycarboxylic acid or  
derivative with a compound containing two or more hydroxyl  
groups or salts thereof

2 528/98 (0 OR, 2 XR)

Class 528 : SYNTHETIC RESINS OR NATURAL RUBBERS -- PART  
OF THE CLASS 520 SERIES

528/86        .FROM PHENOL, PHENOL ETHER, OR INORGANIC  
PHENOLATE

528/87        ..From 1,2-epoxy-containing phenolic reactant  
or with 1,2-epoxy-containing reactant

528/98        ...Phenolic reactant contains at least three  
distinct aromatic or carbocyclic rings or mixtures thereof

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Keywords to emphasize